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CLAIMS

1. A compacting press for powdery to granular bulk materials, comprising two counterrotating rollers (1, 2), arranged in one plane, wherein said rollers (1, 2) are held in a roller housing (11) by bearing blocks (3, 4, 5, 6), with at least one of said rollers (1) being a loose roller which is flexibly supported by force generators (16, 17), with said rollers (1, 2) at each of their two sides (1a, 1b, 2a, 2b) comprising their own electric motor drives (18a, 18b, 19a, 19b, 21a, 21b, 22a, 22b), wherein the drives (21a, 21b, 22a, 22b) of the loose roller (1) are borne by said loose roller,

characterised in that

the roller housing (11) with a vertical design comprises two separate parts (11a, 11b), namely a bottom part (11b) comprising one roller (2) and a top part (11a) with the loose roller (1), wherein said top part (11a) is held by a swivel bearing (13) to the bottom part (11b) and is lockable, wherein the top part (11a) can be swivelled open by way of the swivel bearing (13).

2. The compacting press according to claim 1,

characterised in that

the electric motors (18a, 18b, 22a, 22b) of the drives (18a, 18b, 19a, 19b, 21a, 21b, 22a, 22b) of each roller (1, 2) are interconnected by way of an electrical shaft (W).

3. The compacting press according to claim 1 or 2,

characterised in that

the electric motors (18a, 18b, 22a, 22b) of the drives (18a, 18b, 19a, 19b, 21a, 21b, 22a, 22b) of all rollers (1, 2) are interconnected by way of an electrical shaft (W).